

CSWC Operational Period Summary

0600 February 24 to 1800 February 24 2014



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GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

- SOC / Inland REOC remains activated in support of 2014 Drought
- A prolonged wet period will ensue this week across California with all areas benefitting. The first in a series of storms will push into far northwest California late Tuesday and overspread the state through Wednesday. The second and wetter in the series of storms is set to sweep across the state late Thursday through early Saturday. Another storm is possible late in the weekend.
- No significant Weather Watches or Warnings are in effect
- Natural Gas Outage – Montclair, San Bernardino County
 - As of 0715 hours on 2/24/14, Southern California Gas has restored gas service to 1,668 customers.
 - Please see Southern California Significant Events slide for additional details.

WEATHER

Near-term Outlook for Precipitation:

- A series of low pressure systems is currently forecast to bring periods of significant wet weather to interior northern California Wednesday into early Thursday, and again Friday into Saturday.
- The potential for heavy rainfall and potentially heavy snowfall above 4,500 – 6,000 level.
- Potential for urban and small stream flooding from rainfall
- Potential for thunderstorms
- High confidence on wet weather
- Medium confidence on timing and precipitation amounts

First storm: Wednesday through Thursday

- Warmer, with snow levels around 5000-6000 feet
- Breezy winds
- Thunderstorms possible on Thursday

Second storm: Friday through Saturday

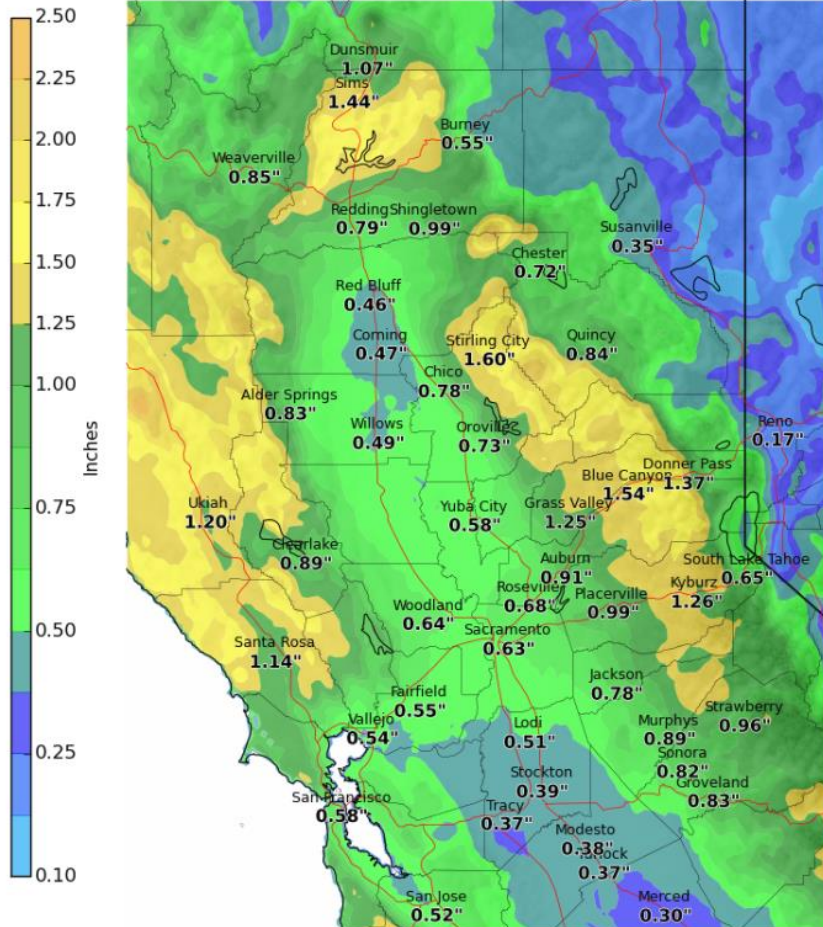
- Colder, stronger, with snow levels around 4000 feet
- Heavier rainfall and thunderstorm potential
- Breezy winds

The rainfall received will not end the drought.

Precipitation Forecast

Wednesday into Thursday Liquid Precipitation

Valid: February 27, 2014



National Weather Service
Sacramento, CA
02/24/2014 03:33 PM PST

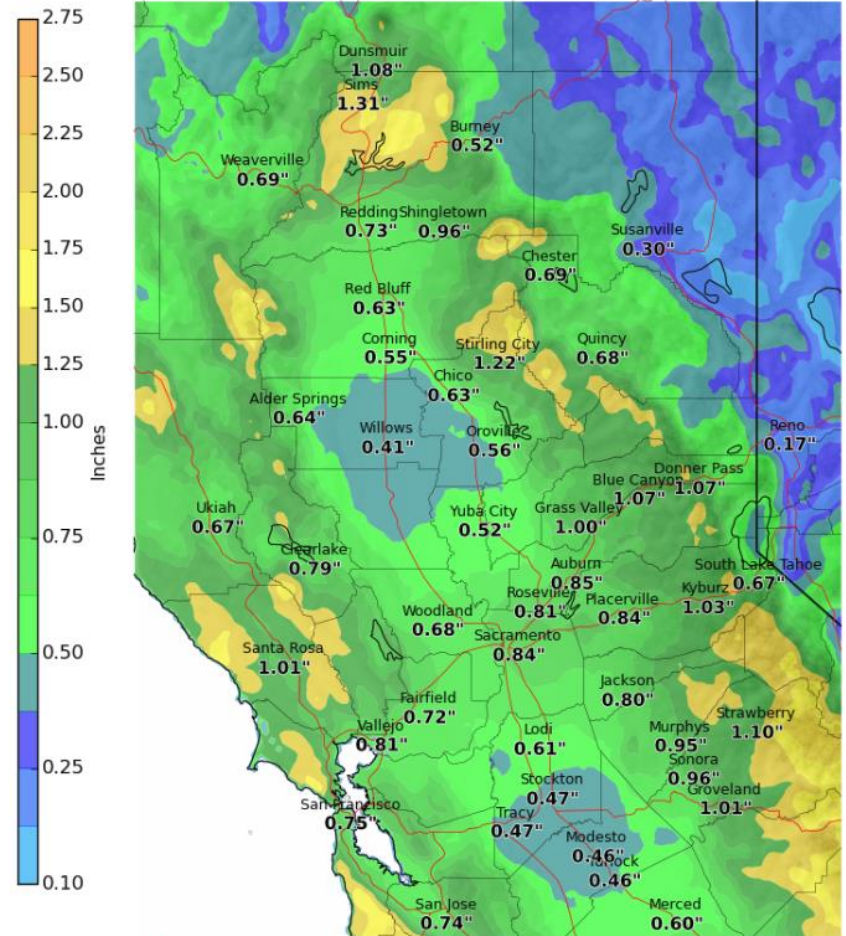
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Friday into Saturday Liquid Precipitation

Valid: March 2, 2014



National Weather Service
Sacramento, CA
02/24/2014 03:37 PM PST

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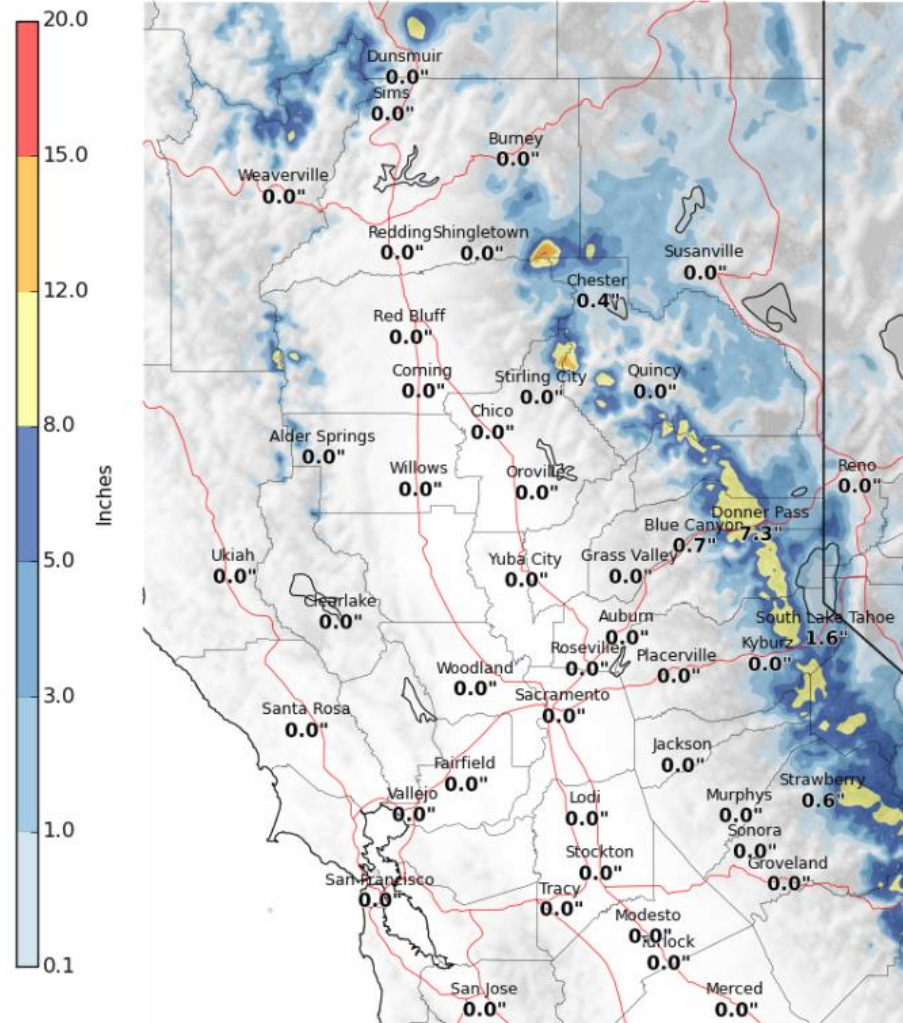
weather.gov/Sacramento



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Wednesday into Thursday Snow

Valid: February 28, 2014



National Weather Service
Sacramento, CA

02/24/2014 03:22 PM PST

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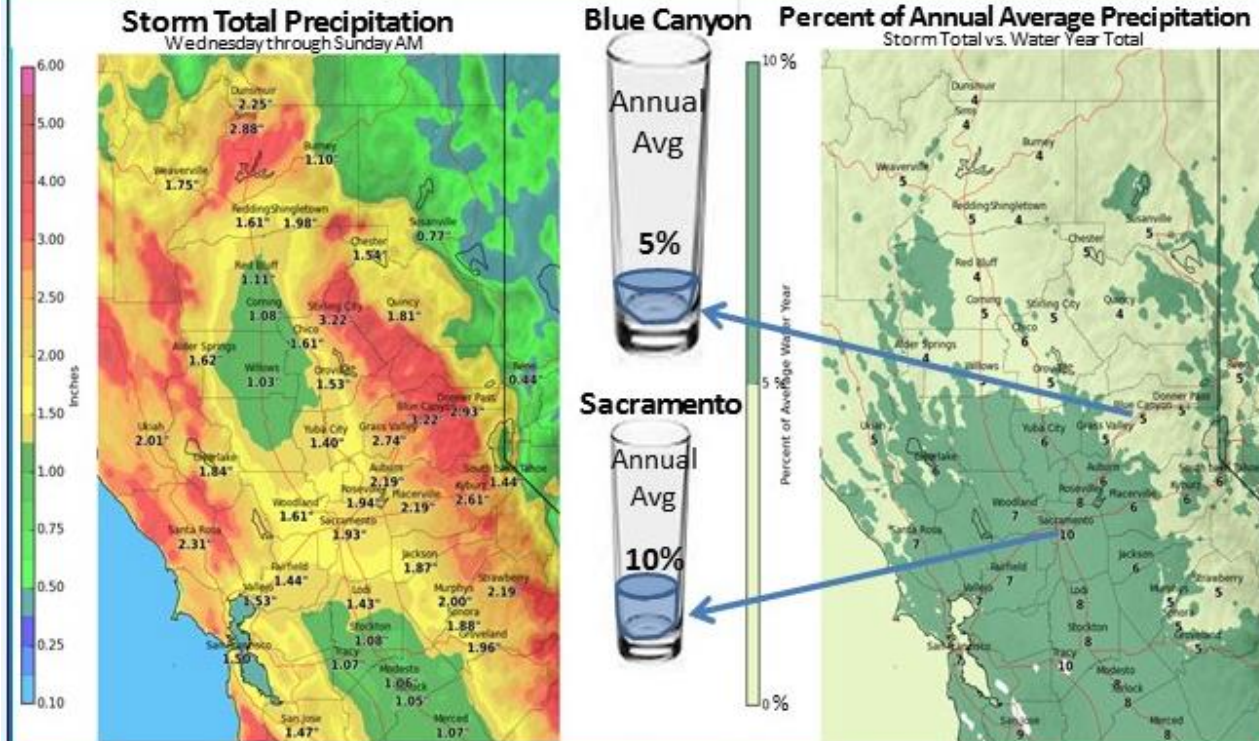
weather.gov/Sacramento



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How Much Water Will We Get?

From Storms Wednesday Through Sunday AM



Mountains will get about 5 % of their total annual average precipitation from storms late this week, the Valley will get about 4 to 10% of normal (for the water year).

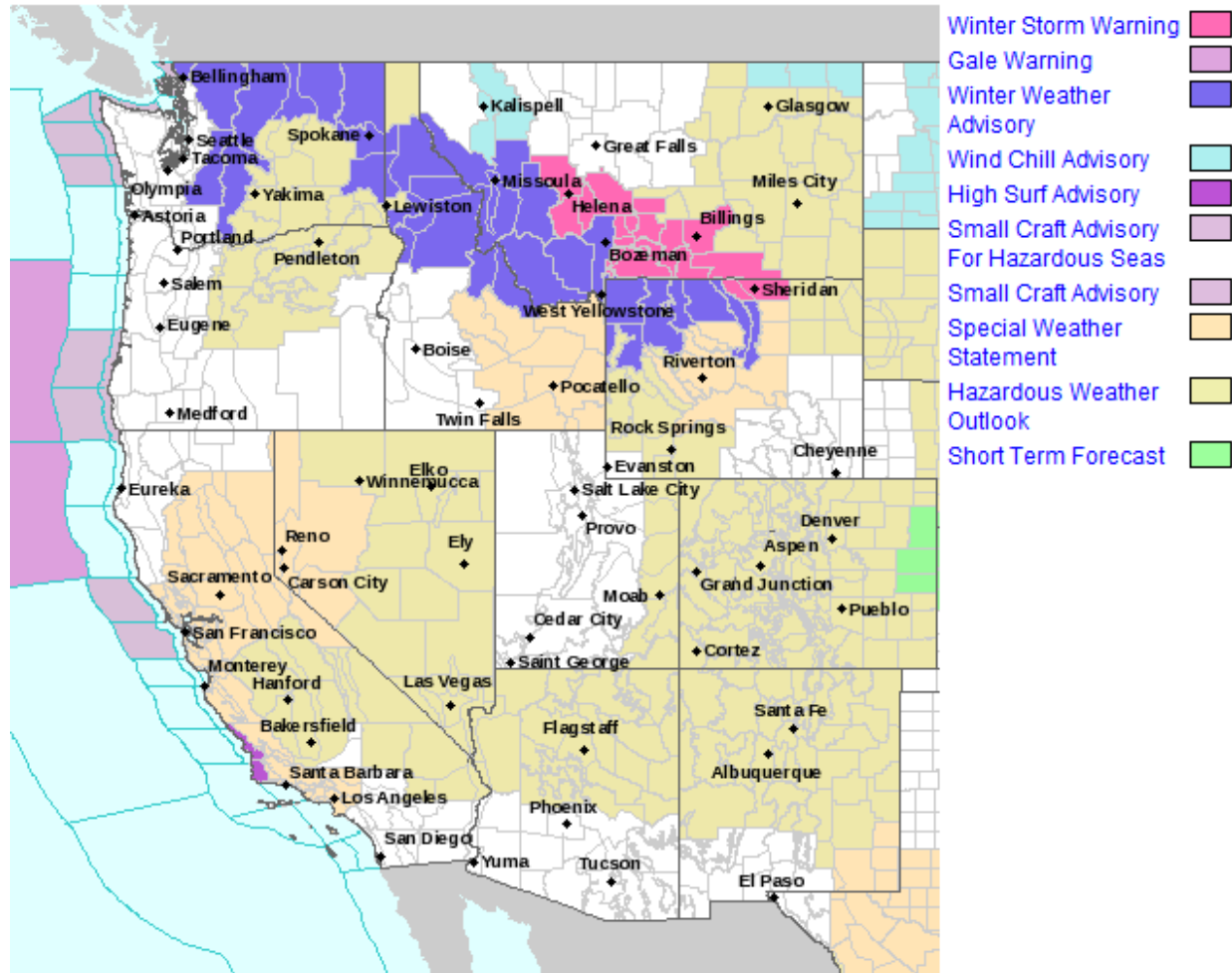


Issued Monday, Feb 24, 2014 at 3:33 pm PST
National Weather Service - Sacramento, CA



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STATE WEATHER MAP



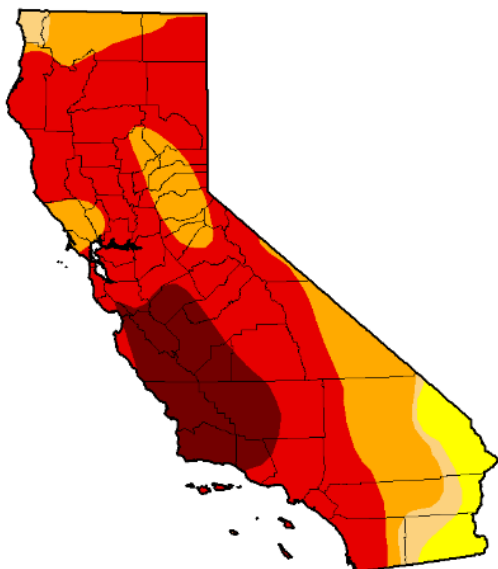
Last map update: Feb, 24th 2014 at 5:28:10 pm MST



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U.S. Drought Monitor

California



February 18, 2014


(Released Thursday February 20, 2014)

Valid 7 a.m. Eastern

Week	Date	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2/18/2014	0.00	100.00	94.54	90.82	68.30	14.62
Last Week	2/11/2014	1.43	98.57	94.54	91.59	60.94	9.81
3 Months Ago	11/19/2013	2.61	97.39	96.00	84.12	27.59	0.00
Start of Calendar Year	12/31/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year	10/1/2013	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago	2/19/2013	15.45	84.55	47.18	23.72	0.00	0.00


Intensity:

 D0 - Abnormally Dry

 D1 - Moderate Drought

 D2 - Severe Drought

 D3 - Extreme Drought

 D4 - Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

Author(s):

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FIRE ACTIVITY

Preparedness Levels:

National Preparedness Level 1

Northern California

Preparedness Level 1 Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2 Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

No Significant Fire Activity to Report

California - North Area 7 Day Significant Fire Potential

Issued: Monday, Feb 24, 2014

Parameters: None ▼

Predictive Service Area	Sun Feb 23	Mon Feb 24	Tue Feb 25	Wed Feb 26	Thu Feb 27	Fri Feb 28	Sat Mar 1	Sun Mar 2
NC01 - North Coast								
NC02 - Mid Coast								
NC03A - Bay Area-Marine								
NC03B - Diablo/Santa Cruz Mtns								
NC04 - Northwestern Mtns								
NC05 - Sacramento Valley								
NC06 - Northeast CA								
NC07 - Northern Sierra								
NC08 - East Side								



Legend

Fuel Dryness

- Moist - Little or no risk for large fires.
- Dry - Low risk of large fires in the absence of a "High Risk" event.
- Very dry - Low/Moderate risk of large fires in the absence of a "High Risk" event.
- Data Unavailable.

Weather

Larger-scale high pressure will remain moderately strong near the West coast through Tuesday. Then a weak spot in the very north-south elongated ridge, at the latitude of the northern to central California, will allow for a breakthrough by Pacific westerlies starting Wednesday. Look for an initial system to bring rain or showers to North Ops from about Wednesday PM into midday Thursday, with a second storm to bring additional rain and snow from Friday into about midday Saturday. It appears that snow levels will stay 5500 feet plus with the first system, but there's a chance they could drop to a 3500-5000 feet range from north to south, with the second one. Gradient winds should not be strong through Tuesday, but will be increasing Tuesday night over the NW Mountains, and elsewhere Wednesday, ahead of the first cold front.

Fuels/Fire Potential

Fuels in all Predictive Service Areas (PSA) should remain in the Moist category through the 7-day period. Just as driest and the most drought-affected areas might have gotten back into some Dry (yellow) color, the precipitation that starts Wednesday will be able to maintain all PSAs in Moist for some time further. February precipitation has aided the onset and or growth of the new annual grass crop across lower terrain. For prescribed burners, a Monday Smoke dispersion product will be on the web by 1230 PM today, at:





http://gacc.nifc.gov/oncc/predictive/weather/daily_smoke/Smoke.html

California - South Area 7 Day

Significant Fire Potential

Legend

Fuel Dryness

-  Moist - Little or no risk for large fires.
-  Dry - Low risk of large fires in the absence of a "High Risk" event.
-  Very dry - Low/Moderate risk of large fires in the absence of a "High Risk" event.
-  Data Unavailable.



Parameters: None ▼

Predictive Service Area	Sun Feb 23	Mon Feb 24	Tue Feb 25	Wed Feb 26	Thu Feb 27	Fri Feb 28	Sat Mar 1	Sun Mar 2
SC01 - Eastern Sierra								
SC02 - Central Sierra								
SC03 - Southern Sierra								
SC04 - Sierra Foothills								
SC05 - Central Valley								
SC06 - Central Coast Interior								
SC07 - Central Coast								
SC08 - South Coast								
SC09 - Western Mountains								
SC10 - Eastern Mountains								
SC11 - Southern Mountains								
SC12 - Lower Deserts								
SC13 - Eastern Deserts								
SC14 - Central Mojave								
SC15 - Upper Deserts								
SC16 - Northern Deserts								

Weather

A weak ridge of high pressure over California will cause temperatures to remain around 10 degrees above normal through Tuesday, with mid 50s to mid 60s in the mountains and 70s in the valleys. Minimum humidity will continue to be mainly between 15% and 30% away from the coast through Tuesday. Temperatures will cool 5 to 10 degrees across most of the region Wednesday as the ridge shifts eastward and a Pacific trough approaches the West Coast. This trough will bring showers to Central California by mid to late afternoon and to Southern California overnight. Most locations over Central California will receive less than an inch of rainfall, while Southern California is expected to get less than a quarter inch with this trough. A weak ridge of high pressure will build into California Thursday bringing dry conditions to the region by mid morning. A strong storm will bring 1 to 2 inches of rainfall to the lower elevations and 2 to 4 inches of rainfall to the foothills and mountains Friday morning through Saturday night. Zonal flow will keep scattered light showers continuing over much of the region Sunday. The snow level will be around 6,000 feet Wednesday afternoon through this weekend. There will also be periods of strong south to west winds, especially across the mountains and deserts, Wednesday afternoon through this weekend. Temperatures will be a little below normal Thursday through this weekend.

Fuels/Fire Potential

Warm and dry conditions will allow for light initial attack activity across the region through Tuesday. Cool and moist conditions will cause there to be little or no fire activity across the region Wednesday through this weekend.



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CAL OES ACTIVATIONS

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily. The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed. The Southern REOCs is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

SIGNIFICANT EVENTS / ACTIVITY

Cal EOC Incident – 2014 Drought

Situational Summary: (No Change)

- The lack of winter rain and snowfall has resulted in extremely dry conditions in many parts of the State. Reservoir levels are down significantly from where they should be on average for this time of year. If conditions continue without substantial rainfall, severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities are likely in store for the State for several months. Negative economic impacts will also result. The Governor has established a Drought Task Force to prioritize State actions needed to address these conditions. Governor Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions. The State Operations Center (SOC) is activated to implement objectives in support of the Governor's priorities.
- Many local jurisdictions have enacted water conservation measures. The Office of Emergency Services is in close contact with counties and local officials to monitor the water conditions, agriculture and economy.
- As a result of the drought DWR has informed the customers of the State Water Project (SWP) that deliveries in 2014 will be discontinued if current dry conditions persist. Deliveries to agricultural districts with long-standing water rights in the Sacramento Valley may be cut 50 percent (the maximum permitted by contract) depending upon future snow survey results. Storage in key reservoirs now is lower than at this time in 1977, one of the two previous driest water years on record. While additional winter storms may provide a limited boost to reservoir storage and water deliveries, it would need to rain and snow heavily every other day from now until May to get us back to average annual rain and snowfall. The allocation may change depending on future storm events.

Cal EOC Incident – 2014 Drought (Con't)

Current Conditions:

Recent Precipitation: Very little precipitation fell in California over the last week. Precipitation totals (in inches) for the 24 hour period February 23 to February 24 are below:

Precipitation Totals (inches)	2/23 – 2/24/2014 24 hour total
Folsom Dam: 0.00"	Pollack Pines: 0.00"
Fresno: 0.00"	Redding: 0.00"
Hetch Hetchy Reservoir: 0.00"	Sacramento: 0.00"
Los Angeles: 0.00"	Shasta Dam: 0.00"
Modesto: 0.00"	Willits: 0.00"
Oroville: 0.00"	



Cal EOC Incident – 2014 Drought (Con't)

Current Conditions:

While Northern California received its largest rainstorm in 14 months in mid February, the storm had minimal effect on California's drought conditions and reservoirs' water levels remained largely unchanged.

Near-term Outlook for Precipitation:

- A series of low pressure systems is currently forecast to bring periods of significant wet weather to interior northern California Wednesday into early Thursday, and again Friday into Saturday.
- The potential for heavy rainfall and potentially heavy snowfall above 4,500 – 6,000 level.
- Potential for urban and small stream flooding from rainfall
- Potential for thunderstorms
- High confidence on wet weather
- Medium confidence on timing and precipitation amounts

** Heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall. Even with such precipitation, California would remain in drought conditions, due to low supplies from the two previous dry years.**

Cal OES Inland Region - The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday.

CURRENT DROUGHT UPDATES:

- 2014 Drought Response Report – Attached ([Update](#))

Declarations/Resolutions/Proclamations: ([Update](#))

State:

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions.

Declarations/Resolutions/Proclamations: (Con't)

County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
County		Request
Glenn	1/30/2014	State and Federal relief
Kern	1/14/2014	Gubernatorial and Presidential
Kings	1/14/2014	State and Federal assistance
Madera	1/28/2014	No specific request
San Joaquin	1/28/2014	No specific request
Sutter	2/11/2014	Gubernatorial and Presidential
Tulare	2/4/2014	CDAA and Federal assistance
Tuolumne	2/4/2014	CDAA and Federal assistance
Yuba	2/18/2014	Gubernatorial and Presidential
Coastal Region		
County		Request
Mendocino	1/7/2014	No specific request
Southern Region		
County		Request
Inyo	1/28/2014	CDAA
Santa Barbara	1/17/2014	No specific request

Declarations/Resolutions/Proclamations: (Con't)

City / Tribe / Special District Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
City/Tribe/Special District		Request
Placer County Water Agency Placer	2/6/2014	Local conservation and funding measures
Twain Harte Community Services Dist Tuolumne	1/29/2014	Enact District conservation measures
Tule River Tribe Tulare	1/30/2014	Enact Tribal emergency authorities
Lake Don Pedro Community Services Dist. Mariposa	2/18/2014	Declare a Stage I Water Emergency
Coastal Region		
City/Tribe/Special District		Request
Hoop Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte	1/29/2014	Enact Tribal emergency authorities
City of Willits Mendocino	1/7/2014	Declare a Phase V Water Emergency
Brookside Township Mendocino	1/7/2014	
City of Calistoga Napa	2/4/2014	Declare a Stage II Water Emergency
City of St. Helena Napa	1/28/2014	Declare a Stage II Water Emergency
City of American Canyon Napa	2/4/2014	Declare a Stage I Water Emergency
Southern Region		
City/Tribe/Special District		Request
Carpinteria Valley Water District	2/12/2014	Declare a Stage I Water Emergency

Counties Which Have Established a Drought Task Force (DTF)

Cal OES Inland Region

Inland Region	
County	Drought Task Force Meetings
Butte	
Madera	
Modoc	
Nevada	2/28/2014
Placer	3/5/2014
Plumas	2/24/2014
Sacramento	
San Joaquin	
Siskiyou	
Stanislaus	
Sutter	3/13/2014
Tehama	
Tulare	
Tuolumne	

Counties Which Have Established A Drought Task Force (DTF) (Con't)

Cal OES Coastal Region / Cal OES Southern Region:

Coastal Region	
County	Drought Task Force Meetings
Mendocino	2/26/2014
Monterey	
San Mateo	
Southern Region	
County	Drought Task Force Meetings
Santa Barbara	3/4/2014
San Luis Obispo	3/12/2014

DROUGHT MEETINGS

Cal OES Inland Region

The Drought Coordination and Briefing call for Operational Areas, Native American Tribes and the Governor's Office of Emergency Services Inland Region REOC continues to be held at 1100 hours each Monday. Please see below for Drought Meetings from the past 7 days.

- 02/19/14 - Butte County: Paradise had their first Drought Task force meeting on Wednesday evening.
- 02/19/14 - Siskiyou County had a Drought Task force meeting.
- 02/19/14.- San Joaquin County Task Force Management. The Inland Region Field ESC attended the OA Drought Task Force meeting on Wednesday February 19, 2014.
- 02/18/14 Butte County - The Inland Region Administrator and Inland staff participated in the Butte County Drought Task Force meeting in Oroville and the CDFA/USDA drought forum in Palo Cedro, in a continuing effort to gather information on the drought emergency and related impacts.
- 02/18/14 Stanislaus County - The Inland Region Field ESC attended the OA first Drought Task Force meeting on Tuesday February 18, 2014. There was good participation from water agencies, agricultural agencies, cities, and county departments. Information was shared and meetings will continue.
- 02/18/14 Madera and Stanislaus Counties - Inland Region staff participated in Drought Task Force meetings. Relevant updates have been posted to Cal EOC.

SOUTHERN CALIFORNIA SIGNIFICANT ACTIVITY

Natural Gas Outage Montclair, San Bernardino County 2/21/14 at 1009 hours (Final)

- Caused by a leak from a water main entering a natural gas line causing service outages for customers near downtown Montclair area.
- Southern California Gas Company crews have repaired the gas pipeline and are working on reestablishing gas services.
- As of 0730 hours on 2/22/14, 1,263 customers were still without gas service.
- 23 customers were without water service and resumption of service was expected the morning of 2/22/14 once water quality testing was completed and no contamination is present. Per Monte Vista Water District, all 23 customers were restored to full water service at 1100 hours on 2/22/14.
- More affected customers were identified and additional crews have been brought in to expedite the gas restoration process.
- There are no reported AFN issues and no requests for State assistance at this time.

Update 2/24/14 at 0831 hours

Per the Cal OES Southern Duty Officer:

- As of 0715 hours on 2/24/14, Southern California Gas has restored gas service to 1,668 customers.
- There are approximately 20 customers still without gas service due to not being home at the time attempts were made to contact them by the Southern California Gas Company. These remaining customers will be restored as soon as they are home and contact Southern California Gas Company.

CAL OES OPEN MISSIONS

Drought Related Missions

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.

New Missions:

- **2014-LAW-2297** Inyo County Sheriff's Office (SO) requesting air support for an injured female hiker in Inyo County. Cal OES Law Duty Officer coordinating resources.
- **2014-LAW-2295** Santa Cruz County Sheriff's Office (SO) requesting two trailing dogs to assist in the search for a missing 78 year old male in the Capitola area. Cal OES Law Duty Officer coordinating resources.
- **2014-LAW-2291** Sacramento County DART (Dive and Rescue Team) assisting Yolo County Sheriff's Office (SO) with a search for human remains near Knight's Landing.
- **2014-LAW-2289** Los Angeles County requesting California National Guard (CNG) 9th Civil Support Team (CST) for the 86th Academy Awards on Sunday, 3/2/14.



Ongoing Missions: (Con't)

- **2014-LAW-2275** On 2/23/14 at 1742 hours, Butte County Sheriff's Office requested six area dogs with support personnel to assist in the search for an 81-year-old male with dementia who walked away from his residence between 1000-1200 hours on Saturday, 2/22/14. Cal OES Law Duty Officer (LDO) contacted Cal OES K-9 Coordinator who secured the requested resources. On 2/23/14 at 2310 hours, Cal OES K-9 Coordinator advised an additional 2 trailing K-9's have been secured for the search.
- **2014-LAW-2258** Placer County Sheriff's Department requesting 2 radio kit's (kit of 14 radios), 1 kit of VHF and 1 kit of UHF, to assist and support a mountain rescue training.
- **2014-LAW-2163** The California National Guard (CNG) 95th Civil Support Team (CST) will assist the Dept. of State's Diplomatic Security Detail with planning and executing Joint Hazard Assessment Team (JHAT) Operations for a foreign dignitary's scheduled appearances. As of 2/15/14, mission anticipated to last until 2/25/14.
- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.

Ongoing Missions: (Con't)

- **2014-LAW-2069** Solano County Sheriff's Department is requesting California National Guard (CNG) tents to support classes and vendor displays at SAREX 2014 (A joint coordination exercise) scheduled for 9/05-07/2014 in Napa County. Setup of requested resources will begin on 9/04/14 and tear down will occur on 9/08. The exact scope of work will be determined as the planning cycle continues. There will also be a request for communications support which may be a combination of CNG and Cal OES Telecommunications resources. Mission number pulled to allow CNG to begin determining what assets may be available to assist. At this time the specifics of the request are deemed "to be determined" (TBD).

CAL OES CLOSED MISSIONS

- **2014-SOC-2242** On 2/24/2014, the Governor's Drought Task Force will attend a meeting with Mendocino County and local officials in Willits to discuss concerns, challenges and possible forms of State assistance. California Department of Fish and Wildlife (DFW) is providing the air assets to fill this mission. On 2/24/2014 at 1706 hours, the Governor's Drought Task Force landed safe and secure at Sacramento Executive Airport. **Mission Closed**

CAL OES DEPLOYMENTS

EMAC Colorado (No Change)

2014-SOC-2101 California deployed a Recovery Specialist, Clyde Muraoka, to Colorado as requested via EMAC #510-RR-2388 to assist in flood recovery operations. The coordination process is complete. Personnel have arrived safely and reported for assignment. The deployment began on 2/09/14 with a confirmed demobilization date of 3/12/14.

UPCOMING EVENTS, TRAINING, EXERCISES

Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

2014 Golden Guardian

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Tabletop Exercise - March 5, 2014
- Logistics Rehearsal of Concept Drill - April 2, 2013
- REOC Communications Functional Exercise - March 27, 2014

The Tsunami Warning Communications Test

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/14 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26th between 1100 – 1300 hours PDT.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.